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ERRATA.

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February, 1890, page 108, 15th line from bottom, for $R = \frac{f^2}{30E}$ read $R = \frac{f^2}{24E}$; 12th line from bottom, for "15 times" read 12 times.

April, 1890, page 221, foot note, for "Stevens" read Stevenson's. Page 225, 12th line from bottom, for "Erie Railroad" read Pennsylvania Railroad. Page 230, 15th line from bottom, for "36 inches" read 48 inches.